BHAVAN'S COLLEGE AUTONOMOUS, ANDHERI-WEST
PRACTICAL JOURNAL

Class: SYIT(NEP) **Sem: IV** **Roll No.: SYIT06** **Date :**

Course Name: Software Engineering **Page no:**

Practical Number:

Q1) Write Test Cases for various Types of Testing Methods.

Test Case ID	Priority	Test Case Objective	Step Procedure	Input test data	Excepted Results	Actual Result	Status
TC001	P3	To Validate That logo is visible	Redirect to the web page Validate Logo is visible	Url- www.elearning.com	Logo should be visible	Logo is not visible	**Fail**
TC002	P2	To Validate the user name edit field should only accept alphabets	Redirect to the web page write alphabets in user name edit field	Url- www.elearning.com Admin9	Name edit field only accept alphabets	Name edit field accepting alphabets and number	**Fail**
TC003	P2	To Validate password edit field should only contain alphabets with characters	Redirect to the web page write password with alphabets and characters	Url- www.elearning.com Admin123	Password edit field should only accept alphabets with characters	Password edit field should only accept alphabets with characters	**Pass**
TC004	P2	To Validate login button should enable only when successful data entered	Redirect to the web page enter valid data click on login page	Url – Username & Password	Login button is enabled only when data is entered	Login button is enabled only when data is entered	**Pass**
TC005		To Validate login button should disable	After entering the username and	Url- www.elearning.com Username: Admin Password: Admin123	Login button should get disable	Login button should get disable	**Pass**

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		when clicked	password click on login button				

Q1) Preparation of Risk Mitigation, Monitoring and Management Plan (RMMM).

RMMM:

A Risk Management strategy can be included in the software project plan or the risk management steps can be organized into a separate Risk Mitigation, Monitoring and Management Plan. The Risk Management Plan documents all worked performed as part of risk analysis and is used by the project manager as part of the overall project plan.

Risk Monitoring is project tracking activity with three project objectives:

1. To assess whether predicted risks do, in fact, occur
2. To ensure that risk aversion steps defined for the risk are being properly applied
3. To collect information that can be used for future risk analysis. In many cases, the problems that occur during a project.

Risk Mitigation :

It is an activity used to avoid problems (Risk Avoidance).

Steps for mitigating the risks as follows.

1. Finding out the risk.
2. Removing causes that are the reason for risk creation.
3. Controlling the corresponding documents from time to time.
4. Conducting timely reviews to speed up the work.

Risk Monitoring :

It is an activity used for project tracking.

It has the following primary objectives as follows.

1. To check if predicted risks occur or not.
2. To ensure proper application of risk aversion steps defined for risk.
3. To collect data for future risk analysis.
4. To allocate what problems are caused by which risks throughout the project.

Risk Management and planning :

It assumes that the mitigation activity failed and the risk is a reality. This task is done by Project manager when risk becomes reality and causes severe problems. If the project manager effectively uses project mitigation to remove risks successfully then it is easier to manage the risks.

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Risk Information Sheet			
Risk ID: PO 2-4-32	Date: 5/9/02	Prob:80%	Impact: High

Description:

Only 70 percent of the software components scheduled for reuse will, in face, be integrated into the application. The remaining functionality will have to be custom developed.

Refinement/Context:

Sub Condition 1: Certain reusable components were developed by a third party with no knowledge of internal design standards.

Sub Condition 2: The design standard for component interface has not been solidified and may not conform to certain reusable components.

Sub condition 3: Certain reusable components have been implemented in a language that is not supported on the target environment.

Mitigation / Monitoring:

1. Contact third party to determine conformance with design standards.
2. Press for interface standards completion; consider component structure when deciding on interface protocol.
3. Check to determine number of components in sub condition 3 category; check to determine if language support can be acquired.

Management / Contingency Plan / Trigger:

RE Computed to be $ 20,200. Allocate this amount within project contingency cost.

Develop revised schedule assuming that 18 additional components will have to be custom built; allocate staff accordingly.

Trigger: Mitigation steps unproductive as of 7/1/02

Current Status:

5/12/02: Mitigation steps initiated

Originator: D. Gagne	Assigned: B. Laster

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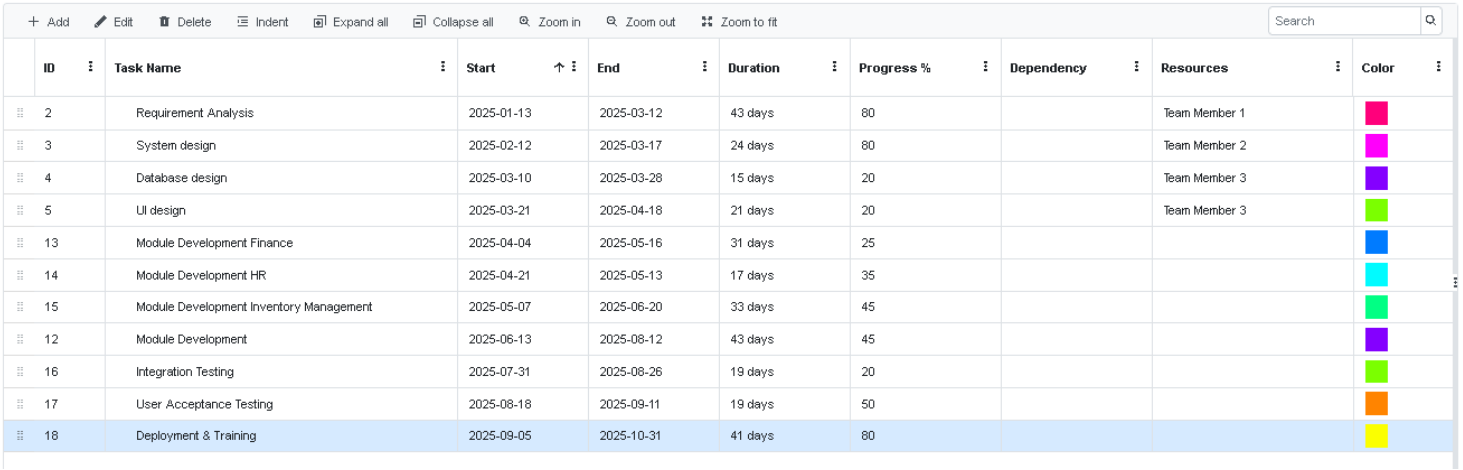
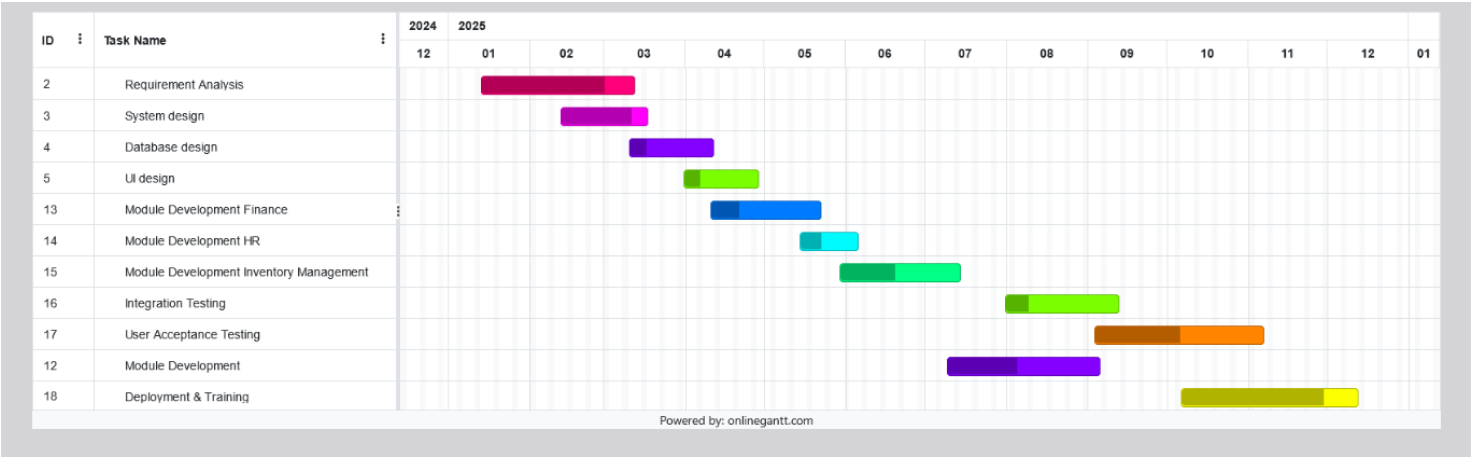
Q1) Study and Scheduling and tracking a Project

Gantt Chart:

Generalized Activity Normalization Time Table (GANTT) chart is type of chart in which series of horizontal lines are present that show the amount of work done or production completed in given period of time in relation to amount planned for those projects. It is horizontal bar chart developed by Henry L. Gantt (American engineer and social scientist) in 1917 as production control tool. It is simply used for graphical representation of schedule that helps to plan in an efficient way, coordinate, and track some particular tasks in project.



ID	Task Name	Start	End	Duration	Progress %	Dependency	Resources	Color
2	Requirement Analysis	2025-01-13	2025-03-12	43 days	80		Team Member 1	
3	System design	2025-02-12	2025-03-17	24 days	80		Team Member 2	
4	Database design	2025-03-10	2025-03-28	15 days	20		Team Member 3	
5	UI design	2025-03-21	2025-04-18	21 days	20		Team Member 3	
13	Module Development Finance	2025-04-04	2025-05-16	31 days	25			
14	Module Development HR	2025-04-21	2025-05-13	17 days	35			
15	Module Development Inventory Management	2025-05-07	2025-06-20	33 days	45			
12	Module Development	2025-06-13	2025-08-12	43 days	45			
16	Integration Testing	2025-07-31	2025-08-26	19 days	20			
17	User Acceptance Testing	2025-08-18	2025-09-11	19 days	50			
18	Deployment & Training	2025-09-05	2025-10-31	41 days	80			



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